Ana Dopazo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	miR-335 orchestrates cell proliferation, migration and differentiation in human mesenchymal stem cells. Cell Death and Differentiation, 2011, 18, 985-995.	11.2	265
2	Overview of the most prevalent hypothalamus-specific mRNAs, as identified by directional tag PCR subtraction Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8733-8738.	7.1	255
3	Cux1 and Cux2 Regulate Dendritic Branching, Spine Morphology, and Synapses of the Upper Layer Neurons of the Cortex. Neuron, 2010, 66, 523-535.	8.1	247
4	Culture of human mesenchymal stem cells at low oxygen tension improves growth and genetic stability by activating glycolysis. Cell Death and Differentiation, 2012, 19, 743-755.	11.2	230
5	Human mesenchymal stem cell-replicative senescence and oxidative stress are closely linked to aneuploidy. Cell Death and Disease, 2013, 4, e691-e691.	6.3	192
6	The molecular signature of mantle cell lymphoma reveals multiple signals favoring cell survival. Cancer Research, 2003, 63, 8226-32.	0.9	130
7	Identification of Genes Involved in Resistance to Interferon-α in Cutaneous T-Cell Lymphoma. American Journal of Pathology, 2002, 161, 1825-1837.	3.8	106
8	Human TRIB2 is a repressor of FOXO that contributes to the malignant phenotype of melanoma cells. Oncogene, 2010, 29, 2973-2982.	5.9	85
9	Processing of Agilent microRNA array data. BMC Research Notes, 2010, 3, 18.	1.4	77
10	Estradiol Activates Î ² -Catenin Dependent Transcription in Neurons. PLoS ONE, 2009, 4, e5153.	2.5	71
11	Spatial and Temporal Gene Expression Differences in Core and Periinfarct Areas in Experimental Stroke: A Microarray Analysis. PLoS ONE, 2012, 7, e52121.	2.5	59
12	The native form of FtsA, a septal protein of Escherichia coli, is located in the cytoplasmic membrane. Journal of Bacteriology, 1990, 172, 5097-5102.	2.2	58
13	Growth and molecular profile of lung cancer cells expressing ectopic LKB1: down-regulation of the phosphatidylinositol 3'-phosphate kinase/PTEN pathway. Cancer Research, 2003, 63, 1382-8.	0.9	57
14	Modifications in host cell cytoskeleton structure and function mediated by intracellular HIV-1 Tat protein are greatly dependent on the second coding exon. Nucleic Acids Research, 2010, 38, 3287-3307.	14.5	55
15	Embryological-Origin–Dependent Differences in Homeobox Expression in Adult Aorta. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1248-1256.	2.4	53
16	DNA Methylation of miR-7 is a Mechanism Involved in Platinum Response through <i>MAFG</i> Overexpression in Cancer Cells. Theranostics, 2017, 7, 4118-4134.	10.0	52
17	Cooperativity of Stress-Responsive Transcription Factors in Core Hypoxia-Inducible Factor Binding Regions. PLoS ONE, 2012, 7, e45708.	2.5	46
18	In vivo phosphoproteomics reveals kinase activity profiles that predict treatment outcome in triple-negative breast cancer. Nature Communications, 2018, 9, 3501.	12.8	45

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19	A novel phosphatidylinositol 3-kinase (PI3K) inhibitor directs a potent FOXO-dependent, p53-independent cell cycle arrest phenotype characterized by the differential induction of a subset of FOXO-regulated genes. Breast Cancer Research, 2014, 16, 482.	5.0	41
20	Understanding cardiovascular disease: a journey through the genome (and what we found there). DMM Disease Models and Mechanisms, 2012, 5, 434-443.	2.4	40
21	The Repression of E2F-1 Is Critical for the Activity of Minerval against Cancer. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 466-474.	2.5	38
22	Large-scale gene expression in bone marrow mesenchymal stem cells: a putative role for COL10A1 in osteoarthritis. Annals of the Rheumatic Diseases, 2010, 69, 1880-1885.	0.9	38
23	Aryl hydrocarbon receptor contributes to the MEK/ERK-dependent maintenance of the immature state of human dendritic cells. Blood, 2013, 121, e108-e117.	1.4	37
24	Oxidized Low-Density Lipoprotein Receptor in Lymphocytes Prevents Atherosclerosis and Predicts Subclinical Disease. Circulation, 2019, 139, 243-255.	1.6	36
25	Methotrexate selectively targets human proinflammatory macrophages through a thymidylate synthase/p53 axis. Annals of the Rheumatic Diseases, 2016, 75, 2157-2165.	0.9	35
26	Trained immunity induction by the inactivated mucosal vaccine MV130 protects against experimental viral respiratory infections. Cell Reports, 2022, 38, 110184.	6.4	34
27	Transcriptional expression ofcis-acting andtrans-acting splicing mutations cause autosomal dominant retinitis pigmentosa. Human Mutation, 2008, 29, 869-878.	2.5	31
28	Discovery of New Targets to Control Metastasis in Pancreatic Cancer by Single-cell Transcriptomics Analysis of Circulating Tumor Cells. Molecular Cancer Therapeutics, 2020, 19, 1751-1760.	4.1	31
29	Coupling between DNA replication and cell division mediated by the FtsA protein in Escherichia coli: a pathway independent of the SOS response, the "TER" pathway. Journal of Bacteriology, 1985, 164, 950-953.	2.2	27
30	Formin1 Mediates the Induction of Dendritogenesis and Synaptogenesis by Neurogenin3 in Mouse Hippocampal Neurons. PLoS ONE, 2011, 6, e21825.	2.5	26
31	An amino-proximal domain required for the localization of FtsQ in the cytoplasmic membrane, and for its biological function inEscherichia coli. Molecular Microbiology, 1992, 6, 715-722.	2.5	24
32	Codelink: an R package for analysis of GE healthcare gene expression bioarrays. Bioinformatics, 2007, 23, 1168-1169.	4.1	24
33	PGC-1α Regulates Translocated in Liposarcoma Activity: Role in Oxidative Stress Gene Expression. Antioxidants and Redox Signaling, 2011, 15, 325-337.	5.4	24
34	Chemokines induce axon outgrowth downstream of Hepatocyte Growth Factor and TCF/β-catenin signaling. Frontiers in Cellular Neuroscience, 2013, 7, 52.	3.7	23
35	Characterization of host genetic expression patterns in HIV-infected individuals with divergent disease progression. Virology, 2011, 411, 103-112.	2.4	22
36	The novel RUNX3/p33 isoform is induced upon monocyte-derived dendritic cell maturation and downregulates IL-8 expression. Immunobiology, 2010, 215, 812-820.	1.9	19

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37	Primary structure of mouse secretogranin III and its absence from deficient mice. Journal of Molecular Neuroscience, 1993, 4, 225-233.	2.3	17
38	Gene expression analysis of chromosomal regions with gain or loss of genetic material detected by comparative genomic hybridization. Genes Chromosomes and Cancer, 2004, 41, 353-365.	2.8	17
39	Early peroxisome proliferator-activated receptor gamma regulated genes involved in expansion of pancreatic beta cell mass. BMC Medical Genomics, 2011, 4, 86.	1.5	15
40	CSF3R T618I co-occurs with mutations of splicing and epigenetic genes and with a new PIM3 truncated fusion gene in chronic neutrophilic leukemia. Blood Cancer Journal, 2013, 3, e158-e158.	6.2	15
41	Harmine and Piperlongumine Revert TRIB2-Mediated Drug Resistance. Cancers, 2020, 12, 3689.	3.7	14
42	Structural inhibition and reactivation of Escherichia coli septation by elements of the SOS and TER pathways. Journal of Bacteriology, 1987, 169, 1772-1776.	2.2	13
43	Identification of Disease-Relevant Genes for Molecularly-Targeted Drug Discovery. Current Cancer Drug Targets, 2012, 12, 1-13.	1.6	13
44	Genomeâ€Wide Transcriptional and Functional Analysis of Endoglin Isoforms in the Human Promonocytic Cell Line U937. Journal of Cellular Physiology, 2015, 230, 947-958.	4.1	13
45	On the chronology and topography of bacterial cell division. Research in Microbiology, 1991, 142, 253-257.	2.1	12
46	Disease-modifying factors in hereditary angioedema: an RNA expression-based screening. Orphanet Journal of Rare Diseases, 2013, 8, 77.	2.7	12
47	Identification of a peripheral blood gene signature predicting aortic valve calcification. Physiological Genomics, 2020, 52, 563-574.	2.3	11
48	Immune synapse instructs epigenomic and transcriptomic functional reprogramming in dendritic cells. Science Advances, 2021, 7, .	10.3	10
49	AG-NGS: A powerful and user-friendly computing application for the semi-automated preparation of next-generation sequencing libraries using open liquid handling platforms. BioTechniques, 2014, 56, 28-35.	1.8	9
50	Neutrophil subtypes shape HIV-specific CD8 T-cell responses after vaccinia virus infection. Npj Vaccines, 2021, 6, 52.	6.0	6
51	Characterization of mutant alleles of the cell division protein FtsA, a regulator and structural component of the Escherichia coli septator. Biochimie, 1994, 76, 1071-1074.	2.6	4
52	Position-dependent expression of GADD45α in rat brain tumours. Medical Oncology, 2007, 24, 436-444.	2.5	3
53	Progress and challenges in developing a molecular diagnostic test for neurofibromatosis type 1. Expert Review of Molecular Diagnostics, 2011, 11, 671-673.	3.1	3
54	5-gene differential expression predicts stability of human intestinal allografts. Experimental and Molecular Pathology, 2017, 103, 163-171.	2.1	3

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55	Insights into Global Mechanisms and Disease by Gene Expression Profiling. Methods in Molecular Biology, 2011, 719, 269-298.	0.9	2
56	Automatic Genomics: a user-friendly program for the automatic designing and plate loading of medium-throughput qPCR experiments. BioTechniques, 2011, 50, 46-50.	1.8	2
57	Differential leucocyte RNA expression in the coronary arteries compared to systemic circulation discriminates between patients with and those without coronary artery disease. ClAnica E InvestigaciA3n En Arteriosclerosis, 2017, 29, 60-66.	0.8	2
58	AG-NGS: A powerful and user-friendly computing application for the semi-automated preparation of next-generation sequencing libraries using open liquid handling platforms. BioTechniques, 2017, 62, xvi.	1.8	1
59	Modifications in host cell structure and functions mediated by Tat intracellular expression are greatly dependent on the second exon. Retrovirology, 2009, 6, .	2.0	0
60	Guest Commentary on Chapter 4: Integrative Approaches to Genotype-Phenotype Association Discovery. , 0, , 73-76.		0
61	Technologies to Study Genetics and Molecular Pathways. , 2016, , 251-269.		0